

Title (en)
HEAT-PEELABLE PRESSURE-SENSITIVE ADHESIVE SHEET AND METHOD OF PROCESSING ADHEREND WITH THE HEAT-PEELABLE PRESSURE-SENSITIVE ADHESIVE SHEET

Title (de)
WARM ABZIEHBARE HAFTKLEBEFOLIE UND VERFAHREN ZUR VERARBEITUNG VON HAFTGRUND MIT DER WARM ABZIEHBAREN HAFTKLEBEFOLIE

Title (fr)
FEUILLE AUTOCOLLANTE DETACHABLE A LA CHALEUR ET PROCEDE DE TRAITEMENT DE SURFACE ADHESIVE AVEC LA FEUILLE AUTOCOLLANTE DETACHABLE A LA CHALEUR

Publication
EP 1724320 A4 20080827 (EN)

Application
EP 05710670 A 20050218

Priority
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Abstract (en)
[origin: EP1724320A1] Disclosed is a heat-peelable pressure-sensitive adhesive sheet that can prevent the deformation of a pressure-sensitive adhesive layer caused by pressurization, further reduce chipping in grinding and cutting processes, be easily peeled off from a processed article after processing, and can be easily applied to an adhered at ordinary temperature. The heat-peelable pressure-sensitive adhesive sheet includes a substrate, and a heat-expandable pressure-sensitive adhesive layer arranged on or above at least one side of the substrate, the heat-expandable pressure-sensitive adhesive layer containing a foaming agent and having a shear modulus (23°C) in an unfoamed state of 7x 10⁶ Pa or more. The adhesive sheet further includes a pressure-sensitive adhesive layer being arranged on or above the heat-expandable pressure-sensitive adhesive layer and having a shear modulus (23°C) of less than 7x 10⁶ Pa. The pressure-sensitive adhesive layer arranged on the heat-expandable pressure-sensitive adhesive layer preferably has a thickness of 0.01 to 10 µm.

IPC 8 full level
C09J 5/00 (2006.01); **C09J 5/08** (2006.01); **C09J 7/22** (2018.01); **C09J 7/38** (2018.01); **C09J 11/00** (2006.01); **C09J 201/00** (2006.01); **H01G 4/12** (2006.01); **H01G 13/00** (2013.01); **H01L 21/68** (2006.01); **H01L 21/78** (2006.01); **H05K 3/00** (2006.01)

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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2005087888A1

Cited by
WO2014067667A1; EP1724319A4; EP1775760A4; EP2366749A1; EP2123728A4; EP1944345A1; US7691225B2; US9868862B2; WO2021022125A1

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